

**INTERPROCESSOR COMMUNICATION PROTOCOL PROVIDING
GURANTEED QUALITY OF SERVICE AND SELECTIVE BROADCASTING**

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ABSTRACT OF THE INVENTION

An InterProcessor Communication (IPC) Protocol network (100) includes at least one IPC client (102) and an IPC server (108). The IPC protocol allows for the

10 IPC client (102) to register with the IPC server (108) which will provide the means for the two to communicate freely without any limitations on what software architectures, operating systems, hardware, etc. each depend on. The IPC protocol in one embodiment of the invention allows for components to dynamically request different Quality of Service (QoS). In another embodiment, an IPC node can selectively

15 broadcast a message to nodes which are selected by the sender.